Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071020\
Data File : BP002720.D
Acq On : 10 Jul 2020 13:54
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICCC040

Quant Time: Jul 10 14:32:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 14:25:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	167568	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	661477	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	402213	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	854331	20.00	ng	0.00
76) Chrysene-d12	21.07	240	829302	20.00	ng	0.00
86) Perylene-d12	23.26	264	851390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	772050	78.01	ng	0.00
7) Phenol-d6	6.76	99	1106735	80.12	ng	0.00
23) Nitrobenzene-d5	8.70	82	982170	76.51	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	346562	70.84	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	2051006	75.05	ng	0.00
79) Terphenyl-d14	19.55	244	2855507	74.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	166378	39.223	ng	100
3) Pyridine	3.50	79	508674	40.461	ng	100
4) n-Nitrosodimethylamine	3.43	42	191125	35.814	ng	100
6) Aniline	6.89	93	706187	40.694	ng	100
8) 2-Chlorophenol	7.13	128	429855	39.099	ng	100
9) Benzaldehyde	6.70	77	268181	37.369	ng	100
10) Phenol	6.78	94	566313	40.653	ng	100
11) bis(2-Chloroethyl)ether	6.99	93	468255	40.955	ng	100
12) 1,3-Dichlorobenzene	7.45	146	486238	38.328	ng	100
13) 1,4-Dichlorobenzene	7.59	146	490342	37.939	ng	100
14) 1,2-Dichlorobenzene	7.90	146	473805	38.085	ng	100
15) Benzyl Alcohol	7.80	79	382964	36.895	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.09	45	669944	42.056	ng	100
17) 2-Methylphenol	8.02	107	409027	39.228	ng	100
18) Hexachloroethane	8.62	117	173926	37.286	ng	100
19) n-Nitroso-di-n-propylamine	8.36	70	342075	37.743	ng	100
20) 3+4-Methylphenols	8.34	107	541464	38.518	ng	100
22) Acetophenone	8.37	105	643862	38.457	ng	100
24) Nitrobenzene	8.74	77	529603	38.974	ng	100
25) Isophorone	9.26	82	997089	38.751	ng	100
26) 2-Nitrophenol	9.45	139	236064	38.091	ng	100
27) 2,4-Dimethylphenol	9.53	122	369699	39.369	ng	100
28) bis(2-Chloroethoxy)methane	9.75	93	599744	40.577	ng	100
29) 2,4-Dichlorophenol	9.99	162	415059	38.351	ng	100
30) 1,2,4-Trichlorobenzene	10.19	180	461866	37.907	ng	100
31) Naphthalene	10.37	128	1351343	38.591	ng	100
32) Benzoic acid	9.70	122	251137	39.904	ng	100
33) 4-Chloroaniline	10.49	127	592918	38.710	ng	100
34) Hexachlorobutadiene	10.67	225	266631	35.752	ng	100
35) Caprolactam	11.26	113	141171	38.804	ng	100
36) 4-Chloro-3-methylphenol	11.65	107	445062	37.520	ng	100
37) 2-Methylnaphthalene	12.00	142	961679	37.666	ng	100
38) 1-Methylnaphthalene	12.22	142	906881	37.714	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	481788	38.362	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	179640	33.978	ng	100
43) 2,4,6-Trichlorophenol	12.63	196	325637	38.320	ng	100
44) 2,4,5-Trichlorophenol	12.71	196	374872	38.321	ng	100
46) 1,1'-Biphenyl	13.03	154	1182436	38.864	ng	100
47) 2-Chloronaphthalene	13.07	162	958276	38.693	ng	100
48) 2-Nitroaniline	13.28	65	309870	39.219	ng	100
49) Acenaphthylene	13.92	152	1518362	38.955	ng	100
50) Dimethylphthalate	13.67	163	1205680	38.166	ng	100
51) 2,6-Dinitrotoluene	13.79	165	267217	39.166	ng	100
52) Acenaphthene	14.27	154	901821	39.216	ng	100
53) 3-Nitroaniline	14.12	138	304046	40.928	ng	100
54) 2,4-Dinitrophenol	14.34	184	103281	28.664	ng	100
55) Dibenzofuran	14.61	168	1433180	38.457	ng	100
56) 4-Nitrophenol	14.46	139	208744	40.193	ng	100
57) 2,4-Dinitrotoluene	14.59	165	363606	39.617	ng	100
58) Fluorene	15.26	166	1087109	38.302	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.85	232	291870	36.934	ng	100
60) Diethylphthalate	15.05	149	1180008	37.564	ng	100
61) 4-Chlorophenyl-phenylether	15.26	204	577264	37.925	ng	100
62) 4-Nitroaniline	15.29	138	306125	41.229	ng	100
63) Azobenzene	15.56	77	1217076	40.070	ng	100
65) 4,6-Dinitro-2-methylphenol	15.36	198	190237	38.813	ng	100
66) n-Nitrosodiphenylamine	15.48	169	1011088	40.541	ng	100
67) 4-Bromophenyl-phenylether	16.16	248	371325	38.678	ng	100
68) Hexachlorobenzene	16.28	284	390711	37.988	ng	100
69) Atrazine	16.45	200	285415	35.665	ng	100
70) Pentachlorophenol	16.63	266	157410	30.785	ng	100
71) Phenanthrene	17.00	178	1839370	40.015	ng	100
72) Anthracene	17.10	178	1834812	40.113	ng	100
73) Carbazole	17.37	167	1800214	40.723	ng	100
74) Di-n-butylphthalate	17.95	149	2005085	38.514	ng	100
75) Fluoranthene	18.99	202	2172294	39.042	ng	100
77) Benzidine	19.18	184	855380	40.408	ng	100
78) Pyrene	19.35	202	2267539	40.170	ng	100
80) Butylbenzylphthalate	20.24	149	930884	37.774	ng	100
81) Benzo(a)anthracene	21.06	228	2159246	39.826	ng	100
82) 3,3'-Dichlorobenzidine	21.00	252	744349	37.500	ng	100
83) Chrysene	21.11	228	2022498	38.902	ng	100
84) Bis(2-ethylhexyl)phthalate	21.01	149	1318101	37.248	ng	100
85) Di-n-octyl phthalate	21.87	149	2318884	37.101	ng	100
87) Indeno(1,2,3-cd)pyrene	25.46	276	2565172	41.845	ng	100
88) Benzo(b)fluoranthene	22.61	252	2187045	40.257	ng	100
89) Benzo(k)fluoranthene	22.65	252	2156986	42.560	ng	100
90) Benzo(a)pyrene	23.17	252	2069954	41.521	ng	100
91) Dibenzo(a,h)anthracene	25.47	278	2091480	41.753	ng	100
92) Benzo(g,h,i)perylene	26.13	276	2048462	40.890	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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